

# IMPERIAL MYCOLOGICAL INSTITUTE

## REVIEW OF APPLIED MYCOLOGY

JANUARY

SUPPLEMENT 2

1941

*Agaricus arvensis* Fr. var. *palustris*  
A. H. Smith in *Pap. Mich. Acad. Sci.*,  
xxv, p. 117, 1939 (publ. 1940).—Michigan,  
U.S.A.

— *ciscoensis* A. H. Smith in *Pap. Mich. Acad. Sci.*, xxv, p. 136, 1939 (publ. 1940).—Texas, U.S.A.

— *kauffmanii* A. H. Smith in *Pap. Mich. Acad. Sci.*, xxv, p. 126, 1939 (publ. 1940).—Maryland, U.S.A.

— *placomycetes* Peck var. *microsporus*  
A. H. Smith in *Pap. Mich. Acad. Sci.*,  
xxv, p. 125, 1939 (publ. 1940).—California,  
U.S.A.

\**Asporomyces uvae* Mrak & McClung in  
*J. Bact.*, xl, p. 402, 1940 on *Vitis*.—  
California, U.S.A.

*Atropellis arizonica* Lohman & Cash in  
*J. Wash. Acad. Sci.*, xxx, p. 261, 1940  
on *Pinus ponderosa*.—Arizona, U.S.A.

— *piniphila* (Weir) Lohman & Cash in  
*J. Wash. Acad. Sci.*, xxx, p. 260, 1940.  
(Syn. *Cenangium piniphilum* Weir).

— *tingens* Lohman & Cash in *J. Wash. Acad. Sci.*, xxx, p. 257, 1940 on *Pinus rigida*.—Virginia, U.S.A.

\**Boletus aereus* Bull. var. *squarrosus*  
De Rezende Pinto in *Brotéria*, ix (xxxvi),  
p. 93, 1940.—Brazil.

*BONINOHYDNUM* S. Ito & Imai in  
*Trans. Sapporo nat. Hist. Soc.*, xvi,  
p. 127, 1940.—Hydnaceae.

— *pini* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 127, 1940 on *Pinus luchuensis*.—Japan.

*Camarops pugillus* (Schw.) Shear in  
*Mycologia*, xxxii, p. 549, 1940. (Syn.  
*Sphaeria pugillus* Schw.).

*Caryospora minima* Jeffers in *Mycologia*,  
xxxii, p. 561, 1940 on an old 'stone' of  
*Amygdalus persica*.—Maryland, U.S.A.

*CATENOPHORA* Luttrell in *Mycologia*,  
xxxii, p. 535, 1940.—Melanconiaceae.

— *pruni* Luttrell in *Mycologia*, xxxii,  
p. 536, 1940 on *Prunus serrulata*.—  
North Carolina, U.S.A.

*Cercospora pittospori* Plakidas in *Mycologia*,  
xxxii, p. 608, 1940 on *Pitopsporum tobira*.—Louisiana, U.S.A.

*Chromocreopsis microasca* S. Ito &

Imai in *Trans. Sapporo nat. Hist. Soc.*,  
xvi, p. 138, 1940 on wood.—Japan.

*Cordyceps macularis* (Mains) Mains in  
*Pap. Mich. Acad. Sci.*, xxv, p. 82, 1939  
(publ. 1940). (Syn. *Ophiocordyceps macularis* Mains).

— *paludosa* Mains in *Pap. Mich. Acad. Sci.*,  
xxv, p. 83, 1939 (publ. 1940) on  
Lepidoptera.—Michigan, U.S.A.

\**Corticium album* Dastur [non Britzelmayr 1897, cf. Mundkur, *Current Science*, ix, p. 285, 1940] in *Indian J. agric. Sci.*, x, p. 92, 1940 on *Citrus aurantium*.—India.

— *boninense* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 131, 1940  
on wood.—Japan.

— *cyathaeae* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 132, 1940  
on *Cyathea boninensis*.—Japan.

*Coryneum berckmanii* Milbrath in *Phytopathology*, xxx, p. 594, 1940 on *Thuja orientalis* and *Cupressus sempervirens*.—  
Oregon and Washington, U.S.A.

**CRYSTALLOCYSTIDIUM** Rick in *Brotéria*, ix (xxxvi), p. 139, 1940.—Thelphoraceae; first proposed as a subgenus of *Stereum* in *Brotéria*, ix (xxxvi), p. 43, 1940.

— *albescens* Rick in *Brotéria*, ix (xxxvi),  
p. 142, 1940 on bark.—Brazil.

— Rick var. *reticulata* Rick in *Brotéria*, ix (xxxvi), p. 142, 1940 on bark.—  
Brazil.

— *albo-badium* Rick in *Brotéria*, ix (xxxvi), p. 142, 1940 on bark.—Brazil.

— *albo-purpurascens* Rick in *Brotéria*,  
ix (xxxvi), p. 140, 1940 on bark.—  
Brazil.

— *entero-flavum* Rick in *Brotéria*, ix (xxxvi), p. 141, 1940 on bark.—Brazil.

— *griseo-rubrum* Rick in *Brotéria*, ix (xxxvi), p. 144, 1940 on bark.—Brazil.

— *intermedium* Rick in *Brotéria*, ix (xxxvi), p. 140, 1940 on bark.—Brazil.

— *luteo-lividum* Rick in *Brotéria*, ix (xxxvi), p. 141, 1940 on bark.—Brazil.

— *medicum* (Curr.) Rick in *Brotéria*, ix (xxxvi), p. 142, 1940. [Syn. *Stereum medicum* Currey].

— *parallelum* Rick in *Brotéria*, ix (xxxvi),  
p. 140, 1940 on bark.—Brazil.

**Crystallocyctidium portentosum** (Berk.) Rick in *Brotéria*, ix (xxxvi), p. 144, 1940. (Syn. *Corticium portentosum* Berk.).  
 — (Berk.) Rick var. *irregularis* Rick in *Brotéria*, ix (xxxvi), p. 144, 1940.—Brazil.  
 — (Berk.) Rick var. *reticulata* Rick in *Brotéria*, ix (xxxvi), p. 144, 1940.—Brazil.  
 — *retiruge* (Cooke) Rick in *Brotéria*, ix (xxxvi), p. 143, 1940. [Syn. *Stereum retiruge* Cooke].  
 — *sericeo-nitens* (Speg.) Rick in *Brotéria*, ix (xxxvi), p. 143, 1940. [Syn. *Stereum sericeo-nitens* Speg.].  
 — *subcrustosum* Rick in *Brotéria*, ix (xxxvi), p. 143, 1940 on bark.—Brazil.  
 — *tenue* Rick in *Brotéria*, ix (xxxvi), p. 141, 1940 on bark.—Brazil.  
 — *triste* Rick in *Brotéria*, ix (xxxvi), p. 141, 1940 on bark.—Brazil.  
 — *variolosum* Rick in *Brotéria*, ix (xxxvi), p. 143, 1940 on bark.—Brazil.  
**Cudonia grisea** Mains in *Amer. J. Bot.*, xxvii, p. 322, 1940 on wood.—Washington State, U.S.A.  
 — *monticola* Mains in *Amer. J. Bot.*, xxvii, p. 322, 1940 on the ground.—Washington State, U.S.A.  
**umminsiella standleyana** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 607, 1940 on *Berberis fascicularis*.—Guatemala.  
**Cyphella cyathae** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 131, 1940 on *Cyathea boninsimensis*.—Japan.  
**Dacrymyces gangliformis** Brasfield in *Lloydia*, iii, p. 105, 1940 on *Pinus strobus*.—Massachusetts, U.S.A.  
**Dactylaria haptospora** Drechsler in *Mycologia*, xxxii, p. 459, 1940 on nematodes.—Virginia, U.S.A., and Hawaii.  
**Dactylella doedycooides** Drechsler in *Mycologia*, xxxii, p. 454, 1940 on hematodes.—Wisconsin, U.S.A.  
**Dendrothele alba** Viegas in *Rodriguésia*, iv, 13, p. 286, 1940 on *Moquinia polymorpha*.—Brazil.  
**Elsinoe toddiaeae** (Syd.) Jenkins & Bitancourt in *Philipp. Agric.*, xxix, p. 55, 1940. (Syn. *Isotexis toddiaeae* Syd.).  
**Entyloma polygoni-amphibii** Săvul. in *Bull. Sect. sci. Acad. roum.*, xxii, p. 5, 1940 on *Polygonum amphibium*.—Romania.  
**Fomes terminaliae** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 125, 1940 on *Terminalia catappa*.—Japan.  
**Fusarium orthoceras** App. & Wollenw. var. *betae* (Stewart) Padwick in *Indian J. agric. Sci.*, x, p. 282, 1940. (Syn. *F. conglutinans* Wollenw. var. *betae* Stewart).  
 — App. & Wollenw. var. *callistephi* (Beach) Padwick in *Indian J. agric. Sci.*, x, p. 283, 1940. (Syn. *F. conglutinans* var. *callistephi* Beach).  
 — App. & Wollenw. var. *ciceri* Padwick in *Indian J. agric. Sci.*, x, p. 283, 1940 on *Cicer arietinum*.—India.  
 — App. & Wollenw. var. *conglutinans* (Wollenw.) Padwick in *Indian J. agric. Sci.*, x, p. 282, 1940. (Syn. *F. conglutinans* Wollenw.).  
**Gloeocystidium boninensis** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 131, 1940 on wood.—Japan.  
**Gloniopsis watsonii** Rilstone in *J. Bot., Lond.*, lxxviii, p. 192, 1940 on bark.—England.  
**Gyrostroma austro-americanum** Seeler in *J. Arnold Arbor.*, xxi, p. 447, 1940 on *Acacia*.—Argentina.  
 — *missouriense* Seeler in *J. Arnold Arbor.*, xxi, p. 441, 1940 on *Carya alba*.—Missouri, U.S.A.  
**GYROSTROMELLA** Seeler in *J. Arnold Arbor.*, xxi, p. 433, 1940.—Subgenus of *Thyronectria*.  
**HAPTOGLOSSA** Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 246, 1940.—Phycomycetes.  
 — *heterospora* Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 246, 1940 on nematodes.—Maryland, Virginia, and Wisconsin, U.S.A.  
**Hemileia buntingii** Wakefield & Hansford apud Dade in *Kew Bull.*, 1940, p. 219 on *Strophanthus hispidus*.—Gold Coast Colony.  
**Heterochaete ogasawarasiensis** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 133, 1940 on *Elaeagnus rotundata*.—Japan.  
**Hexagona papyraceo-resupinata** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 123, 1940 on wood.—Japan.  
**Hymenochaete fomitoporioides** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 129, 1940 on wood.—Japan.  
 — *palmicola* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 129, 1940 on fallen dead palm bracts.—Japan.  
 — *pertenuis* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 130, 1940 on wood.—Japan.  
**Hypoxyylon atromaculosum** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 136, 1940 on bark.—Japan.  
 — *fusconigrum* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 137, 1940 on bark.—Japan.  
 — *macroannulatum* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 137, 1940 on bark.—Japan.  
**Lachnum arundinariae** Cash in *J. Wash. Acad. Sci.*, xxx, p. 301, 1940 on *Arundinaria tecta*.—Georgia, U.S.A.  
**Lactaria cognoscibilis** Beardslee & Burlingham in *Mycologia*, xxxii, p. 578, 1940.—Florida, U.S.A.  
 — *floridana* Beardslee & Burlingham in

*Mycologia*, xxxii, p. 577, 1940.—Florida, U.S.A.

- *impercepta* Beardslee & Burlingham in *Mycologia*, xxxii, p. 582, 1940.—Florida, U.S.A.
- *limacina* Beardslee & Burlingham in *Mycologia*, xxxii, p. 581, 1940.—Florida, U.S.A.
- *paradoxa* Beardslee & Burlingham in *Mycologia*, xxxii, p. 586, 1940.—Florida, U.S.A.
- *proximella* Beardslee & Burlingham in *Mycologia*, xxxii, p. 579, 1940.—Florida, U.S.A.
- *pseudodeliciosa* Beardslee & Burlingham in *Mycologia*, xxxii, p. 584, 1940.—Florida, U.S.A.

*Lloydella alba* Rick (as *Lloydella alba*) in *Brotéria*, ix (xxxvi), p. 84, 1940 on wood. —Brazil.

- *berkeleyana* (Ces.) Rick (as *Lloydella berkeleyana*) in *Brotéria*, ix (xxxvi), p. 85, 1940. (Syn. *Stereum berkeleyanum* Ces.).
- *carneo-olivacea* Rick (as *Lloydella carneo-olivacea*) in *Brotéria*, ix (xxxvi), p. 89, 1940 on wood and bark.—Brazil.
- *cinereo-alba* Rick (as *Lloydella cinereo-alba*) in *Brotéria*, ix (xxxvi), p. 89, 1940 on wood.—Brazil.
- *conspersa* Rick (as *Lloydella conspersa*) in *Brotéria*, ix (xxxvi), p. 89, 1940 on wood.—Brazil.
- *cretacea* Rick (as *Lloydella cretacea*) in *Brotéria*, ix (xxxvi), p. 86, 1940 on wood.—Brazil.
- *dissita* (Berk.) Rick (as *Lloydella dissita*) var. *griseo-cerea* Rick in *Brotéria*, ix (xxxvi), p. 87, 1940.—Brazil.
- *durissima* Rick (as *Lloydella durissima*) in *Brotéria*, ix (xxxvi), p. 88, 1940 on wood.—Brazil.
- *expallens* Rick (as *Lloydella expallens*) in *Brotéria*, ix (xxxvi), p. 90, 1940 on wood.—Brazil.
- *japonica* (Yasuda) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 132, 1940. (Syn. *Stereum japonicum* Yasuda).
- *ochracea* Rick (as *Lloydella ochracea*) in *Brotéria*, ix (xxxvi), p. 90, 1940 on wood.—Brazil.
- *okabei* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 132, 1940 on *Ochrosia nakaiana*.—Japan.
- *stramineo-membranacea* Rick (as *Lloydella stramineo-membranacea*) in *Brotéria*, ix (xxxvi), p. 90, 1940 on wood.—Brazil.
- *subalba* Rick (as *Lloydella subalba*) in *Brotéria*, ix (xxxvi), p. 87, 1940 on wood.—Brazil.
- *subglabra* Rick (as *Lloydella subglabra*) in *Brotéria*, ix (xxxvi), p. 86, 1940 on wood.—Brazil.

*MERISTACRUM* Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 250, 1940.—Entomophthoraceae.

- *asterospermum* Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 251, 1940 on nematodes.—Wisconsin, U.S.A.

*Milesina chikugoensis* Hiratsuka f. in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 139, 1940 on *Cyrtomium fortunei*.—Japan.

- *milkensis* Hiratsuka f. in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 139, 1940 on *Phymatopsis hastata* (*Polyodium hastatum*).—Japan.

*Monilinia azaleae* Honey in *Phytopathology*, xxx, p. 537, 1940 on *Rhododendron roseum*.—New York, U.S.A.

**MUKAGOMYCES** Imai in *Proc. imp. Acad. Japan.*, xvi, p. 154, 1940.—Tuberales.

- *hiromichii* Imai in *Proc. imp. Acad. Japan.*, xvi, p. 154, 1940 forming mycorrhiza on *Populus nigra* and *Acer palmatum*.—Japan.

*Myriangium asterinosporum* (Ellis & Ev.) J. H. Miller in *Mycologia*, xxxii, p. 593, 1940. (Syn. *Cenangium asterinosporum* Ellis & Ev.).

*Ovularia asteris* Solheim in *Univ. Wyo. Publ.*, vii, p. 41, 1940 on *Aster engelmannii*.—Wyoming, U.S.A.

*Patella contradicta* Seaver in *Mycologia*, xxxii, p. 567, 1940 on soil.—New York, U.S.A.

*Peridermium montezumae* Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 613, 1940 on *Pinus montezumae*.—Guatemala.

*Pezicula grovesii* Wehmeyer in *Canad. J. Res., Sect. C*, xviii, p. 543, 1940 on *Rhododendron canadense*.—Nova Scotia.

*Phacidium curtisi* (Berk. & Rav.) Luttrell in *Bull. Torrey bot. Cl.*, lxvii, p. 701, 1940. (Syn. *Rhytisma curtisi* Berk. & Rav.).

*Phaeangium magnisporum* Cash in *J. Wash. Acad. Sci.*, xxx, p. 304, 1940 in bark of *Betula nigra*.—Georgia, U.S.A.

*Phleospora osmorrhizae* (Peck) House apud Solheim in *Univ. Wyo. Publ.*, vii, p. 40, 1940. (Syn. *Septoria osmorrhizae* Peck).

*Phoma foveata* Foister in *Trans. bot. Soc. Edinb.*, xxxiii, p. 66, 1940 on tubers of *Solanum tuberosum*.—Britain.

*Phragmidium guatemalense* Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 609, 1940 on *Potentilla heterosepala*.—Guatemala.

*Phytophthora fragariae* Hickman in *J. Pomol.*, xviii, p. 103, 1940 in roots of *Fragaria*.—England and Scotland.

- *verrucosa* Alecock & Foister in *Trans. bot. Soc. Edinb.*, xxxiii, p. 65, 1940 in roots of *Lycopersicum esculentum* and *Meconopsis*.—Britain.

*Pistillaria oryzae* Remsberg in *Mycologia*, xxxii, p. 668, 1940 on *Oryza sativa*. —Louisiana, U.S.A.

*Polyporus salvatioides* Imazeki nom. nov. in *J. Jap. Bot.*, xvi, p. 269, 1940. (Syn. *Calvatia versicolor* Lloyd, non *P. versicolor* Lloyd).

*Polyporus hinoi* S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 120, 1940 on wood.—Japan.

**Polyporus rhipidium** Berk. f. **pusillus** (Lév.) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 121, 1940. (Syn. *Gloeoporus pusillus* Lév.).

- **schimae** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 121, 1940 on *Schima boninensis*.—Japan.
- **unitus** Pers. f. **pulchella** (Schw.) Baxter in *Pap. Mich. Acad. Sci.*, xxv, p. 155, 1939 (publ. 1940). (Syn. *P. pulchella* Schw.).
- Pers. f. **tenuis** (Schw.) Baxter in *Pap. Mich. Acad. Sci.*, xxv, p. 157, 1939 (publ. 1940). (Syn. *P. tenuis* Schw. p.p.).

**Polystictus grammocephalus** (Berk.) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 121, 1940. (Syn. *Polyporus grammocephalus* Berk.).

**Porla ferox** Long & Baxter in *Pap. Mich. Acad. Sci.*, xxv, p. 149, 1939 (publ. 1940) on *Juniperus virginiana*.—Arkansas, U.S.A.

**Psalliota luzoniensis** (Graff) Mendoza & Leus-Palo in *Philipp. J. Sci.*, lxxii, p. 343, 1940. (Syn. *Agaricus luzoniensis* Graff).

- **merrillii** (Copel.) Mendoza & Leus-Palo in *Philipp. J. Sci.*, lxxii, p. 343, 1940. (Syn. *Agaricus merrillii* Copel.).
- **perfuscus** (Copel.) Mendoza & Leus-Palo in *Philipp. J. Sci.*, lxxii, p. 344, 1940. (Syn. *Agaricus perfuscus* Copel.).

**Puccinia capsicola** Kern & Thurston nom. nov. in *Mycologia*, xxxii, p. 625, 1940. (Syn. *Aecidium capsici* Kern & Whetzel. Non *P. capsici* Mayor).

- **cirsii-palustris** (Desm.) Wilson in *Trans. Brit. mycol. Soc.*, xxiv, p. 249, 1940. (Syn. *P. cirsiorum* Desm. var. *cirsii-palustris* Desm.).
- **hackelliae** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 610, 1940 on *Hackelia mexicana*.—Guatemala.
- **immensispora** Kern & Thurston in *Mycologia*, xxxii, p. 626, 1940 on *Diplostephium* (?).—Colombia.
- **habicola** Kern & Thurston in *Mycologia*, xxxii, p. 626, 1940 on *Liabum*.—Colombia.
- **niveoides** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 611, 1940 on *Salvia cinnabarina*.—Guatemala.
- **obtectella** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 609, 1940 on *Scirpus americanus*.—Guatemala.
- **selini-carvifoliae** Sävul. in *Bull. Sect. sci. Acad. roum.*, xxii, p. 6, 1940 on *Selinum carvifolia*.—Rumania.

**Pycnopeziza pachyderma** (Rehm) Whetzel & White in *Mycologia*, xxxii, p. 617, 1940. (Syn. *Ciboria pachyderma* Rehm).

- **sejournei** (Boud.) Whetzel & White in *Mycologia*, xxxii, p. 616, 1940. (Syn. *Peziza sejournei* Boud.).

**Pyrenopeziza minuta** Cash in *J. Wash. Acad. Sci.*, xxx, p. 302, 1940 on *Tilia heterophylla* var. *michaixii*.—Georgia, U.S.A.

- **prinicola** (E. & E.) Cash in *J. Wash. Acad. Sci.*, xxx, p. 302, 1940. (Syn. *Mollisia prinicola* E. & E.).

**Ravenelia antigua** Cummins in *Bull. Torrey bot. Cl.*, lxxvii, p. 608, 1940 on *Cassia biflora*.—Guatemala.

**Rhinotrichum depauperatum** Charles in *Mycologia*, xxxii, p. 540, 1940 on *Paratetranychus yotheresi*.—Florida, U.S.A.

**Rhizopus sexualis** (G. Smith) Callen (Syn. *Mucor sexualis* G. Smith) cited in *Ann. Bot.*, N.S., iv, p. 793, 1940. [cf. R.A.M., Suppl. 1, p. 9].

**Rutstroemia macrosporus** (Peck) Kanouse apud Wehmeyer in *Canad. J. Res.*, Sect. C, xviii, p. 547, 1940. (Syn. *Helotium macrosporum* Peck).

**Septobasidium castaneum** Burt var. **draconianum** Viegas in *Bol. téc. Inst. agron.*, Campinas, 73, p. 6, 1940 with insect on *Croton urucurana*.—Brazil.

**Septoria signalensis** Solheim in *Univ. Wyo. Publ.*, vii, p. 39, 1940 on *Symporicarpus oreophilus*.—Wyoming, U.S.A.

**Shropshirella strumosa** (Cke) Ciferri apud Marchionatto in *Rev. argent. Agron.*, vii, p. 174, 1940. (Syn. *Ustilago strumosa* Cooke).

**Sphaeropezia arundinariae** Cash in *J. Wash. Acad. Sci.*, xxx, p. 300, 1940 on *Arundinaria tecta*.—Georgia, U.S.A.

**Spicularia terrestris** Timonin in *Canad. J. Res.*, Sect. C, xviii, p. 315, 1940 in soil.—? Canada.

**STEREOASTEROSTROMELLA** Rick in *Brotéria*, ix (xxxvi), p. 43, 1940.—Subgenus of *Stereum*.

**Stereofomes palmicola** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 128, 1940 on *Livistona chinensis*.—Japan.

**STEREOGLOEOCYSTIDIUM** Rick in *Brotéria*, ix (xxxvi), p. 79, 1940.—Thelephoraceae; first proposed as a subgenus of *Stereum* in *Brotéria*, ix (xxxvi), p. 43, 1940.

- **albo-griseum** Rick in *Brotéria*, ix (xxxvi), p. 83, 1940 on wood.—Brazil.
- **albo-verrucosum** Rick in *Brotéria*, ix (xxxvi), p. 82, 1940 on wood.—Brazil.
- **avellaneum** Rick in *Brotéria*, ix (xxxvi), p. 82, 1940 on wood.—Brazil.
- **cimereum** (Rick) Rick in *Brotéria*, ix (xxxvi), p. 83, 1940. (Syn. *Gloeocystidium cinereum* Rick).
- **citrinum** Rick in *Brotéria*, ix (xxxvi), p. 81, 1940 on wood.—Brazil.
- **gausapatum** Rick in *Brotéria*, ix (xxxvi), p. 80, 1940 on wood.—Brazil.
- **lobato-plicatum** Rick in *Brotéria*, ix (xxxvi), p. 79, 1940 on wood.—Brazil.
- **mirabile** (B. & Br.) Rick in *Brotéria*, ix (xxxvi), p. 83, 1940. (Syn. *Radulum mirabile* B. & Br.).
- **radioso** [radiato]-**fissum** (B. & Br.) Rick in *Brotéria*, ix (xxxvi), p. 81, 1940. [Syn. *Stereum radiato-fissum* B. & Br.].

**Stereogloeocystidium spadiceum** (Fr.) Rick in *Brotéria*, ix (xxxvi), p. 82, 1940. [Syn. *Stereum spadiceum* Fr.].

**Stereogloeocystidium subflabellatum** Rick in *Brotéria*, ix (xxxvi), p. 79, 1940 on humus.—Brazil.

— **subsanguinolentum** Rick in *Brotéria*, ix (xxxvi), p. 80, 1940 on wood.—Brazil.

— **vibrans** (B. & C.) Rick in *Brotéria*, ix (xxxvi), p. 81, 1940. [Syn. *Stereum vibrans* B. & C.]

**Stereum metallicum** Rick in *Brotéria*, ix (xxxvi), p. 45, 1940 on wood.—Brazil.

— **obliquulum** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 128, 1940 on wood.—Japan.

— **obliteratum** Rick in *Brotéria*, ix (xxxvi), p. 76, 1940 on wood.—Brazil.

— **tenuissimum** Rick in *Brotéria*, ix (xxxvi), p. 75, 1940 on wood.—Brazil.

**TEGILLUM** Mains in *Bull. Torrey bot. Cl.*, lxvii, p. 707, 1940.—Uredinales.

— **fimbriatum** Mains in *Bull. Torrey bot. Cl.*, lxvii, p. 707, 1940 on *Vitex* (? *gau-meri*).—British Honduras.

**Thyronectria antarctica** (Speg.) Seeler in *J. Arnold Arbor.*, xxi, p. 437, 1940. (Syn. *Pleonectria antarctica* Speg.).

— **austro-americana** (Speg.) Seeler in *J. Arnold Arbor.*, xxi, p. 405, 1940. (Syn. *Pleonectria austro-americana* Speg.).

— **balsamea** (Cooke & Peck) Seeler in *J. Arnold Arbor.*, xxi, p. 442, 1940. (Syn. *Nectria balsamea* Cooke & Peck).

— **chlorinella** (Cooke) Seeler in *J. Arnold Arbor.*, xxi, p. 444, 1940. (Syn. *Nectria chlorinella* Cooke).

— **coffeicola** (Zimm.) Seeler in *J. Arnold Arbor.*, xxi, p. 446, 1940. (Syn. *Pleonectria coffeicola* Zimm.).

— **lamyi** (Desm.) Seeler in *J. Arnold Arbor.*, xxi, p. 449, 1940. (Syn. *Sphaeria lamyi* Desm.).

— **loniceræ** Seeler in *J. Arnold Arbor.*, xxi, p. 450, 1940 on *Lonicera involucrata*.—Colorado, U.S.A.

— **pseudotrichia** (Schw.) Seeler in *J. Arnold Arbor.*, xxi, p. 438, 1940. (Syn. *Sphaeria pseudotrichia* Schw.).

— **rhodochlora** (Mont.) Seeler in *J. Arnold Arbor.*, xxi, p. 455, 1940. (Syn. *Sphaeria rhodochlora* Mont.).

**Thyronectria roseo-virens** (Berl. & Bres.) Seeler in *J. Arnold Arbor.*, xxi, p. 455, 1940. (Syn. *Mattirolia roseo-virens* Berl. & Bres.).

\***Torulopsis californicus** Mrak & McClung in *J. Bact.*, xl, p. 401, 1940 on *Vitis*.—California, U.S.A.

\*— **fermentans** Mrak & McClung in *J. Bact.*, xl, p. 401, 1940 on *Vitis*.—California, U.S.A.

**Tremella boninensis** (Kobayasi) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 133, 1940. (Syn. *Tremella samoensis* Lloyd var. *boninensis* Kobayasi).

**Trichoglossum octopartitum** Mains in *Amer. J. Bot.*, xxvii, p. 325, 1940 on the ground.—British Honduras.

**Tridentaria implicans** Drechsler in *Mycologia*, xxxii, p. 466, 1940 on nematodes.—Wisconsin, U.S.A.

**Truncocolumella occidentalis** (Malençon) Malençon & Zeller in *Mycologia*, xxxii, p. 682, 1940. (Syn. *Dodgea occidentalis* Malençon).

**Tympanis acericola** Groves apud Wehmeyer in *Canad. J. Res., Sect. C*, xviii, p. 544, 1940 on *Acer spicatum*.—Nova Scotia.

**Uncinula jaborosae** Seaver in *Mycologia*, xxxii, p. 651, 1940 on *Jaborosa integrifolia*.—Greenhouse of the New York Botanical Garden, U.S.A.

**Uredo antigua** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 613, 1940 on *Acalypha guatemalensis*.—Guatemala.

**Uromyces antiguanus** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 612, 1940 on *Desmodium orbiculare*.—Guatemala.

**Ustilaginoidea strumosa** (Cke) Ciferri apud Marchionatto in *Rev. argent. Agron.*, vii, p. 174, 1940. (Syn. *Ustilago strumosa* Cooke).

**Xylaria globosa** (Spreng. ex Fr.) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 134, 1940. (Syn. *Sphaeria globosa* Spreng. ex Fr.).

## HOST INDEX

For Angiosperms, Gymnosperms, and Pteridophytes see under families, for animal hosts see under Insecta and Invertebrata other than Insecta.

### ACERACEAE

*Acer palmatum*  
*Mukagomyces hiromichii*

*Acer spicatum*  
*Tympanis acericola*

**APOCYNACEAE**

*Ochrosia nakaiana*  
*Lloydella okabei*

**Strophanthus hispidus**

*Hemileia buntingii*

### BERBERIDACEAE

*Berberis fascicularis*  
*Cumminsiella standleyana*

### BETULACEAE

*Betula nigra*  
*Phaeangium magnisporum*

### BORAGINACEAE

*Hackelia mexicana*  
*Puccinia hackeliae*

**CAPRIFOLIACEAE**  
*Lonicera involucrata*  
*Thronectria lonicerae*  
*Syphoricarpos oreophilus*  
*Septoria signalensis*

**COMBRETACEAE**  
*Terminalia catappa*  
*Fomes terminaliae*

**COMPOSITAE**  
*Aster engelmannii*  
*Ovularia asteris*  
*Diplostethium*  
*Puccinia immensispora*  
*Liabum*  
*Puccinia liabicola*  
*Moquinia polymorpha*  
*Dendrothele alba*

**CYATHEACEAE**  
*Cyathea boninsimensis*  
*Corticium cyatheae*  
*Cyphella cyatheae*

**CYPERACEAE**  
*Scirpus americanus*  
*Puccinia obtectella*

**ELEAGNACEAE**  
*Elaeagnus rotundata*  
*Heterochaete ogasawarasimensis*

**ERICACEAE**  
*Rhododendron*  
*Monilia azaleae*  
*Rhododendron canadense*  
*Pezicula grovesii*

**EUPHORBIACEAE**  
*Acalypha guatemalensis*  
*Uredo antiquensis*  
*Croton urucurana*  
*Septobasidium castaneum*

**GRAMINEAE**  
*Arundinaria tecta*  
*Lachnum arundinariae*  
*Sphaerozia arundinariae*  
*Oryza sativa*  
*Pistillaria oryzae*

**INSECTA**  
*Lepidoptera*  
*Cordyceps paludosa*

**INVERTEBRATA (other than Insecta)**  
*Nematodes*  
*Dactylaria haptospora*  
*Dactylella doedycoides*  
*Haptoglossa heterospora*  
*Meristacrum asterospermum*  
*Tridentaria implicans*  
*Paratetranychus yothersi*  
*Rhinotrichum depauperatum*

**JUGLANDACEAE**  
*Carya alba*  
*Gyrostroma missouriense*

**LABIATAE**  
*Salvia cinnabarina*  
*Puccinia niveoides*

**LEGUMINOSAE**  
*Acacia*  
*Gyrostroma austro-americanum*

**LEGUMINOSAE (cont.)**  
*Cassia biflora*  
*Ravenelia antigua*  
*Cicer arietinum*  
*Fusarium orthoceras var. ciceri*  
*Desmodium orbiculare*  
*Uromyces antiguanus*

**PALMAE**  
*Livistona chinensis*  
*Stereofomes palmicola*

**PAPAVERACEAE**  
*Meconopsis*  
*Phytophthora verrucosa*

**PINACEAE**  
*Cupressus sempervirens*  
*Coryneum berckmanii*  
*Juniperus virginiana*  
*Poria ferox*  
*Pinus luchuensis*  
*Boninohydnum pini*  
*Pinus montezumae*  
*Peridermium montezumae*  
*Pinus ponderosa*  
*Atropellis arizonica*  
*Pinus rigida*  
*Atropellis tingens*  
*Pinus strobus*  
*Dacrymyces gangliformis*  
*Thuja orientalis*  
*Coryneum berckmanii*

**PITTOSPORACEAE**  
*Pittosporum tobira*  
*Cercospora pittospori*

**POLYGONACEAE**  
*Polygonum amphibium*  
*Entyloma polygoni-amphibii*

**POLYPODIACEAE**  
*Cyrtodium fortunei*  
*Milesina chikugoensis*  
*Phymatopsis hastata*  
*Milesina miikensis*

**ROSACEAE**  
*Amygdalus persica*  
*Caryospora minima*  
*Fragaria*  
*Phytophthora fragariae*  
*Potentilla heterosepala*  
*Phragmidium guatemalense*  
*Prunus serrulata*  
*Catenophora pruni*

**RUTACEAE**  
*Citrus aurantium*  
*Corticium album*

**SALICACEAE**  
*Populus nigra*  
*Mukagomycetes hiromichii*

**SOLANACEAE**  
*Jaborosa integrifolia*  
*Uncinula jaborosae*  
*Lycopersicum esculentum*  
*Phytophthora verrucosa*  
*Solanum tuberosum*  
*Phoma foveata*

**THEACEAE**  
*Schima boninensis*  
*Polyporus schimae*

## TILIACEAE

*Tilia heterophylla* var. *michauxii*  
*Pyrenopeziza minuta*

## UMBELLIFERAE

*Selinum carvifolia*  
*Puccinia selini-carvifoliae*

## VERBENACEAE

*Vitex* (? *gaumeri*)  
*Tegillum fimbriatum*

## VITACEAE

*Vitis*  
*Asporomyces uvae*  
*Torulopsis californicus*  
*Torulopsis fermentans*

